

# BLUE-STRIPE™ MAGNESIUM OXIDE



A high purity, tightly controlled, fine binding agent for phosphate investments that allows superior specification controls of the final product to ensure consistency. Blue-Stripe magnesium oxide provides a fine particle size and slow reaction time.

## Typical Material Properties\*

pH	10.3 (saturated aqueous solution)
Melting Point	≈5072 °F (2800 °C)
Loss on Ignition (LOI)	≤0.5%

## Particle Size (Microns)\*

d50	<12 μm
d90	<60 μm

## Elemental Composition (wt %)\*

Magnesium (MgO)	Silica (SiO <sub>2</sub> )	Calcium (CaO)	Iron (Fe <sub>2</sub> O <sub>3</sub> )
≥97.0%	≤1.0%	≤0.5%	≤0.5%

\*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

## Storage & Handling

Avoid skin or eye contact. Avoid breathing dust. Wear protective equipment during handling. Wash thoroughly after handling. Keep container closed and stored in a dry area when not in use.

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